



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: July 12, 2015
RELEASED: July 13, 2015

FREQUENCY: Weekly
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WEATHER

Low pressure brought some rain to areas across the State during the middle of the week. Precipitation was generally around a quarter of an inch to half an inch for the week. Isolated heavier amounts, up to 2 inches, fell mainly in mountain locations. Isolated thunderstorms brought periods of hail around Tahoe and Mt. Shasta. Rains largely missed the southern deserts and the coast from Los Angeles southward. In addition, onshore advection of Pacific moisture led to scattered marine fog/stratus events along the coast on Tuesday and Wednesday morning.

Temperatures at the beginning and the end of the week were similar. Highs were in the 70s-80s along the coast, 80s-90s in the valleys, 90s-110s in the desert, and 60s-80s in the mountains. Lows were in the 50s-70s along the coast from north to south, with 50s-60s in the valley, 70s-80s in the deserts, and 40s-60s in the mountains, depending on elevation. Tuesday and Wednesday were the exception this week as Pacific low pressure brought cooler afternoon highs, largely as a result of convective cooling. Highs on these days were 5-15 degrees cooler. The greatest differences in afternoon highs occurred in the mountains, with elevation, convection, and continentality all playing roles.

FIELD CROPS

Alfalfa fields were irrigated, cut, and baled. The **corn** silage crop was in various stages of growth, with some tasseling and forming ears. Recently planted **Sorghum** silage was making good progress. **Cotton** continued to be irrigated and cultivated for weed control. Cotton was showing good growth in early planted fields. Cotton was rated as 90 percent good to excellent and 90 percent of the crop was squaring, with 50 percent setting bolls. Summer **beans** continued to be irrigated and cultivated. Winter **wheat** was rated as 90 percent good to excellent with 90 percent harvested.

FRUIT CROPS

Early clingstone **peaches** were harvested. **Prunes** were turning purple, with harvest expected to begin in about two weeks. Freestone **peaches**, **nectarines**, **apricots**, and **plums** continued to be picked, with some varieties 2-3 weeks ahead of schedule. **Grape** vines continued to be irrigated and leaves thinned to allow for light and air circulation. Sulfur and herbicides were applied to grapes. Flame seedless table grapes were harvested and shipped. Sunburn protectant was applied to citrus trees. Valencia **orange** harvest continued and growers were working citrus groves in preparation for next season.

NUT CROPS

Almond, **walnut**, and **pistachio** orchards were irrigated. Pistachio orchards in Fresno County received worm spray. Almond orchards in Stanislaus County received squirrel treatments. Export of shelled walnuts and pistachios continued.

VEGETABLE CROPS

In Colusa County, fresh market **cucumber** harvest was well underway. Processing **tomato** harvest began. In Stanislaus County, **broccoli**, **cantaloupes** and **honeydew** melons were harvested. The final cutting of **parsley** was harvested and fields were disced under. In Monterey County, the agriculture season was in full swing. Vegetable crops continued to do well with many growers experiencing healthy harvests. In San Mateo County, the Farmers' Markets were in full swing. In Fresno County, harvest of processing tomatoes, both organic and conventional, was underway. Sulfur and fungicides were applied after last week's rain. The first fresh **onions** were harvested with good quality reported. Hydrator **garlic** harvest continued. The second planting of Bell **peppers** were prepared for harvest. Fungicide was applied to **carrot** fields. In Tulare County, yellow **squash**, Bell and chili peppers, **eggplant**, tomatoes, and cucumbers were harvested. Sweet **corn** harvest continued with sales in Farmers' Markets and roadside stands. **Watermelon** and cantaloupe fields were pollinated.

LIVESTOCK

Foothill rangeland water and forage were very poor at the lower elevations. Supplemental feeding continued. Feed costs for cattle producers remained high. Beehives were placed around squash plantings and in melon fields. Leafcutter bees worked in seed alfalfa fields. Sheep grazed in alfalfa and fallow fields. The eastern slope of the Coast Range Mountains was dry and range conditions remained extremely poor.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/12/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 7/12/2015	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 7/12/2015	January 1 - 7/12/2015	July 1 - 7/12/2015	Week Ending 7/12/2015	July 1 - 7/12/2015	July 1 - 7/12/2015	July 1 - June 30
	- - Degrees Fahrenheit - -				- - Number - -		- Days /3 -	- - Inches of Precipitation - -			
North Coast											
Eureka WFO	62	+5	71	56	23	12	3	0.11	0.13	0.12	38.10
Ukiah	70	-3	91	56	833	481	2	0.13	0.13	0.05	38.90
Santa Rosa AP	66	-2	82	53	399	407	2	0.05	0.05	0.01	31.01
Napa State Hosp	69	+1	85	57	562	445	1	0.01	0.01	0.00	26.46
Central Coast											
San Francisco A	66	+4	74	59	274	177	0	0.00	0.00	0.03	20.11
San Jose AP	68	-3	77	58	542	630	0	0.00	0.00	0.00	15.08
Salinas AP	67	+4	75	59	362	191	1	0.01	0.01	0.04	12.91
Monterey AP	66	+7	74	59	214	64	1	0.00	0.01	0.09	20.35
King City Ag	70	+1	88	54	593	484	2	0.00	0.03	0.01	12.30
Paso Robles AP	72	-2	95	55	820	595	0	0.00	0.00	0.00	13.08
Sacramento Valley											
Redding	80	-2	99	67	1,650	974	1	0.04	0.04	0.05	33.52
Red Bluff	77	-5	94	62	1,480	1,085	1	0.03	0.03	0.10	24.07
Willow s 6W	75	-2	95	60	1,209	836	1	0.05	0.05	0.06	19.03
Oroville AP	75	-3	92	62	1,328	906	0	0.00	0.00	0.07	28.75
Marysville	75	-4	93	59	1,169	1,088	0	0.00	0.00	0.07	22.07
Sacramento AP	73	-3	92	59	1,049	801	0	0.00	0.00	0.05	17.93
San Joaquin Valley											
Stockton	74	-4	92	60	1,091	933	1	0.00	0.01	0.00	13.84
Modesto AP	75	-3	93	61	1,337	1,032	0	0.00	0.00	0.01	13.12
Merced Macready	75	-4	91	59	1,133	979	0	0.00	0.00	0.00	12.50
Madera AP	76	-4	94	60	1,293	1,050	0	0.00	0.00	0.01	11.94
Fresno AP	78	-4	94	62	1,540	1,147	1	0.00	0.07	0.01	11.23
Lemoore NAS	77	-2	94	60	1,368	1,046	2	0.11	0.12	0.00	7.89
Visalia AP	77	-3	93	61	1,395	1,056	2	0.05	0.07	0.01	11.03
Bakersfield AP	79	-4	95	64	1,715	1,309	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas AP	67	+2	90	50	373	124	5	0.59	0.85	0.12	12.13
Mount Shasta AP	69	+4	91	52	490	146	3	0.36	0.36	0.20	39.16
Blue Canyon	62	-6	77	49	419	171	1	0.00	0.03	0.18	66.36
Yosemite Valley	70	-3	96	50	760	372	4	0.63	1.04	0.24	37.73
South Coast											
Santa Maria AP	68	+5	78	57	436	178	0	0.00	0.00	0.00	14.01
Santa Barbara A	67	0	79	56	428	412	0	0.00	0.00	0.00	16.93
Oxnard NWS	67	+2	77	57	630	380	0	0.00	0.00	0.02	15.62
Riverside AP	74	-5	92	60	1,487	1,063	1	0.00	0.02	0.00	10.22
Los Angeles AP	68	-2	74	62	719	663	0	0.00	0.00	0.00	13.15
San Diego AP	70	-1	76	64	1,114	809	0	0.00	0.00	0.03	10.77
Southeast Interior											
Bishop AP	72	-6	99	49	859	710	2	0.21	0.22	0.12	5.02
Daggett AP	83	-5	104	65	2,026	1,654	2	0.00	0.10	0.12	4.17
Lancaster ATC	76	-5	98	58	1,150	996	1	0.00	0.03	0.00	7.40
Thermal	88	-3	109	70	2,505	2,387	0	0.00	0.00	0.00	3.53
Blythe AP	90	-4	109	69	2,775	2,424	1	0.00	0.16	0.08	4.02
Imperial CA	88	-4	109	68	2,617	2,267	0	0.00	0.00	0.00	2.96

1/ Precipitation (rain or melted snow /ice).
2/ Normal periods 1970-2000 used in Departure From Normal calculations.
3/ Total number of days with precipitation events this season.

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